

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091019\
 Data File : VX012260.D
 Acq On : 10 Sep 2019 17:23
 Operator : SY/SP
 Sample : K4624-07
 Misc : 3.71g/5.0mL/MSVOA X/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T-11-A1-(0)

Quant Time: Sep 11 02:03:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	156036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	274977	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	218803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	71152	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	110277	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	
35) Dibromofluoromethane	5.48	113	83277	47.24	ug/l	0.00
Spiked Amount			Recovery	=	94.48%	
50) Toluene-d8	8.71	98	314069	50.80	ug/l	0.00
Spiked Amount			Recovery	=	101.60%	
62) 4-Bromofluorobenzene	11.13	95	105316	36.74	ug/l	0.00
Spiked Amount			Recovery	=	73.48%	

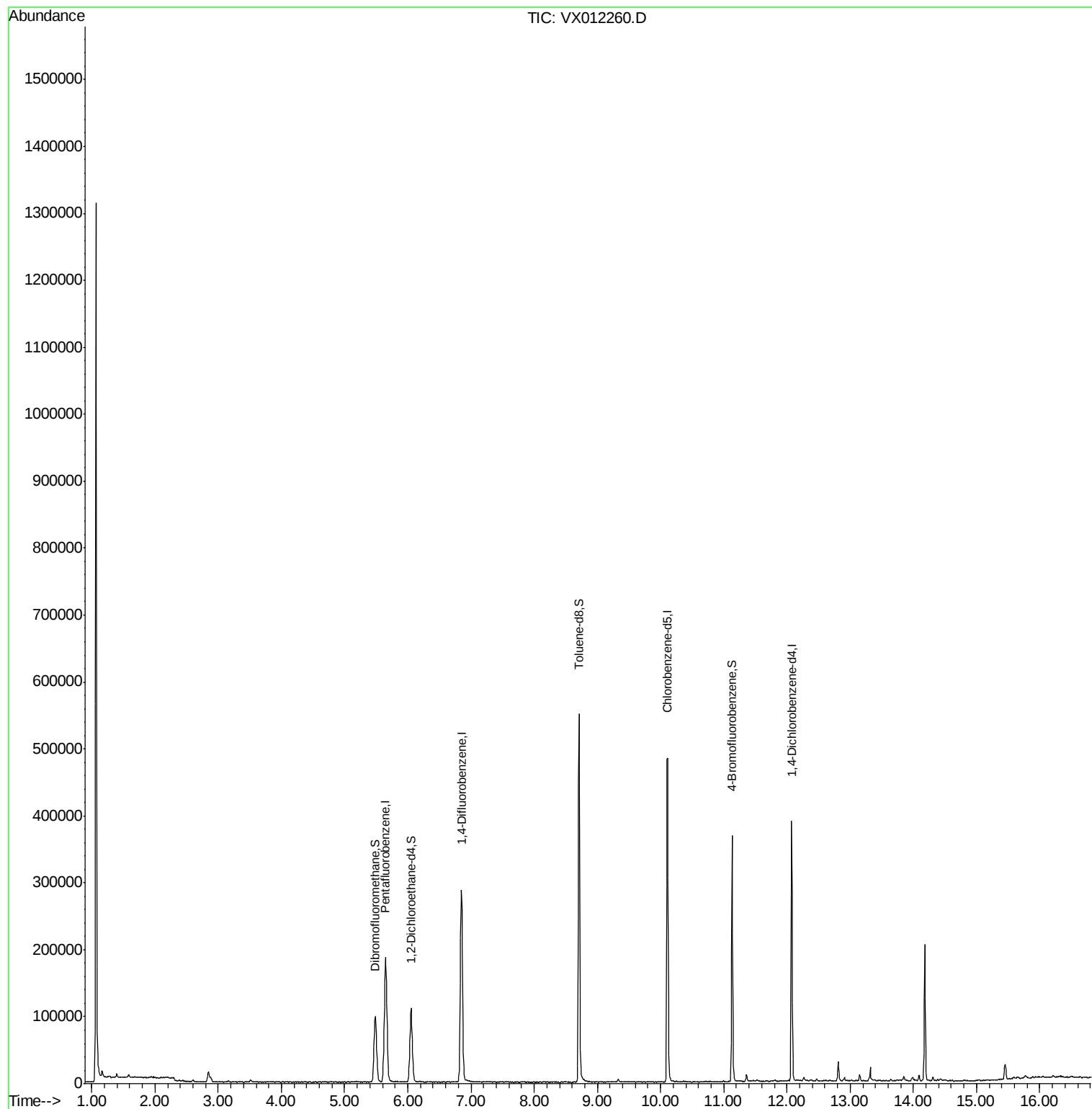
Target Compounds	Qvalue
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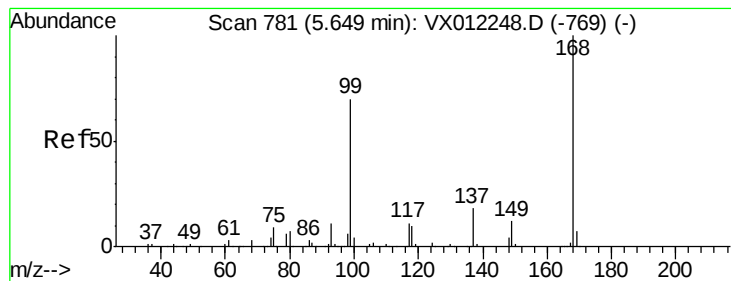
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012260.D

Acq: 10 Sep 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

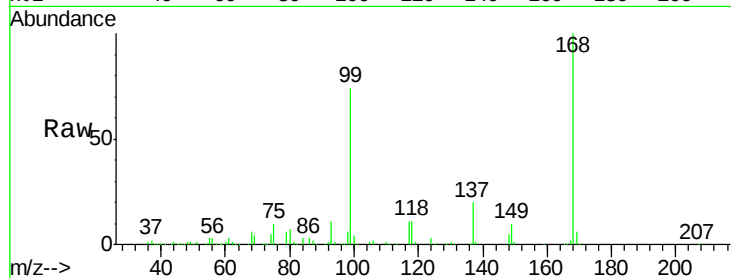
T-11-A1-(0)

Tot Ion:168 Resp: 156036

Ion Ratio Lower Upper

168 100

99 74.3 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

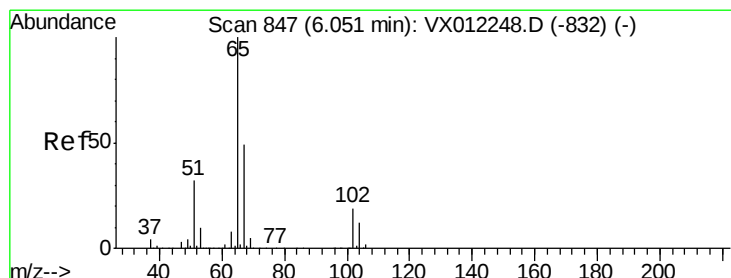
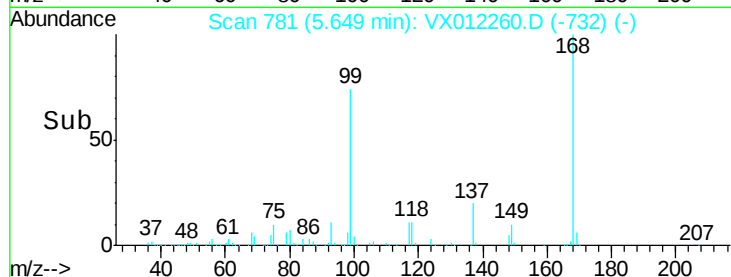
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.989 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012260.D

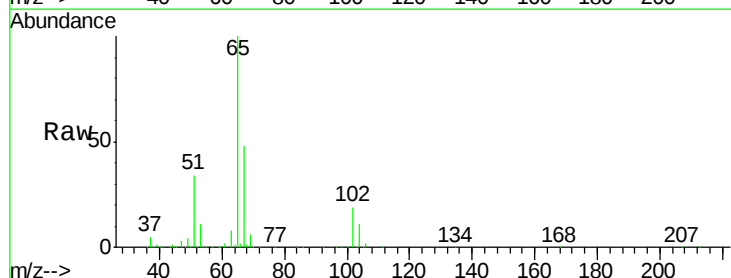
Acq: 10 Sep 2019 17:23

Tgt Ion: 65 Resp: 110277

Ion Ratio Lower Upper

65 100

67 48.9 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

50000

40000

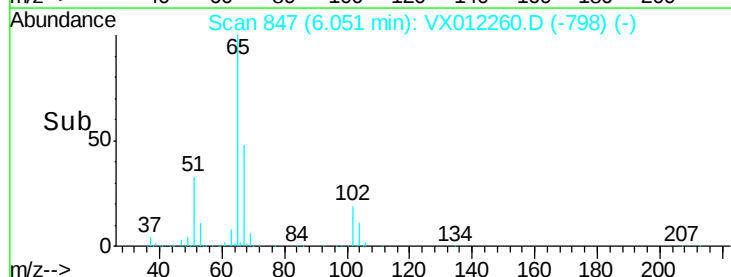
30000

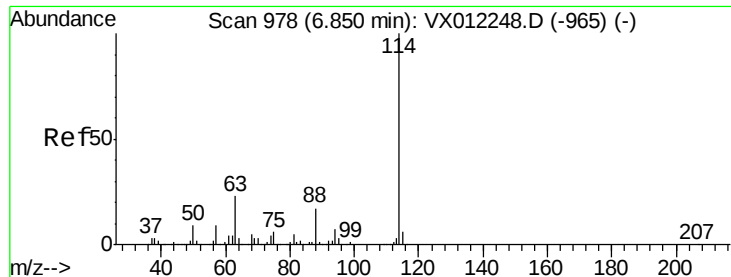
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012260.D

Acq: 10 Sep 2019 17:23

Instrument :

MSVOA_X

ClientSampleId :

T-11-A1-(0)

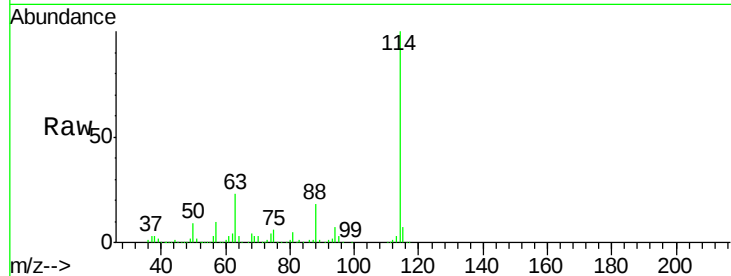
Tot Ion:114 Resp: 274977

Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.2

88 17.6 0.0 34.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.85

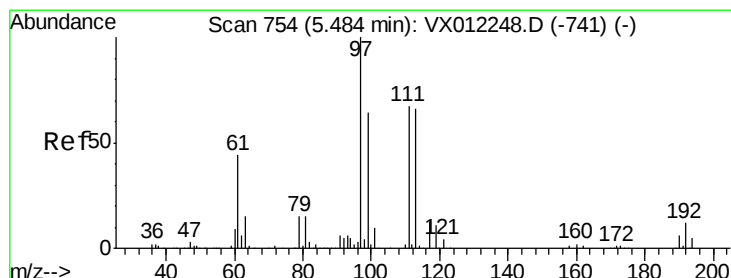
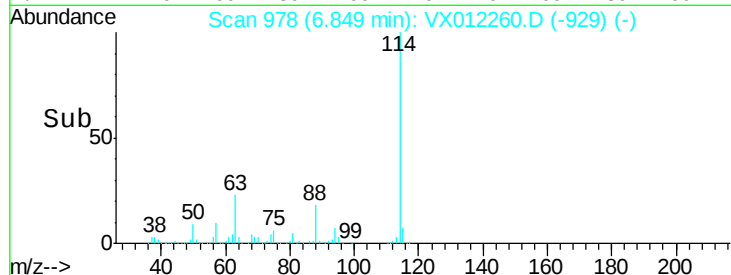
150000

100000

50000

0

Time--> 6.70 6.80 6.90 7.00



#35

Dibromofluoromethane

Concen: 47.243 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012260.D

Acq: 10 Sep 2019 17:23

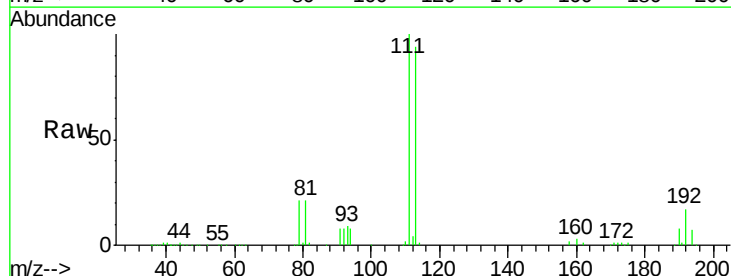
Tgt Ion:113 Resp: 83277

Ion Ratio Lower Upper

113 100

111 104.5 83.0 124.6

192 17.5 14.3 21.5



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

5.48

40000

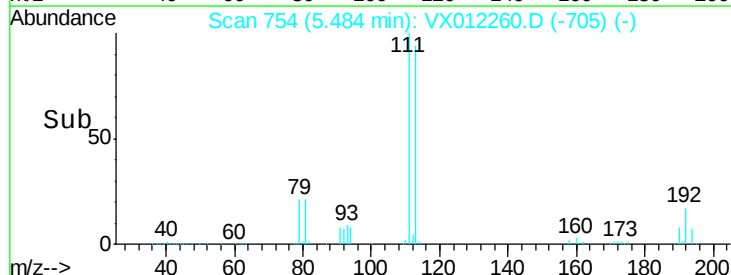
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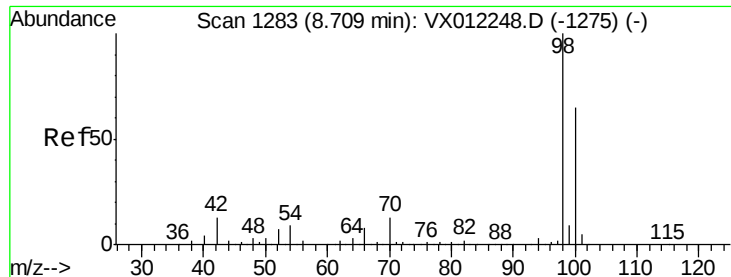
20000

10000

0

Time--> 5.40 5.50 5.60

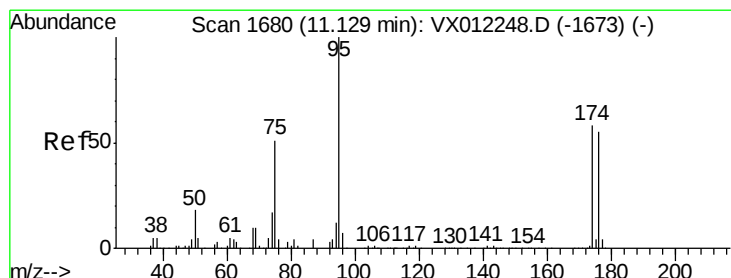
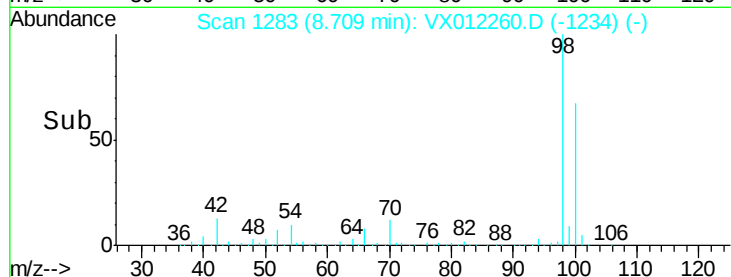
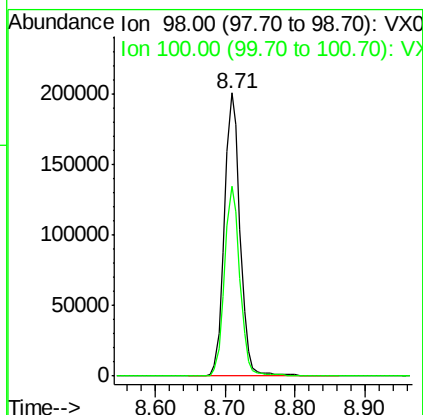
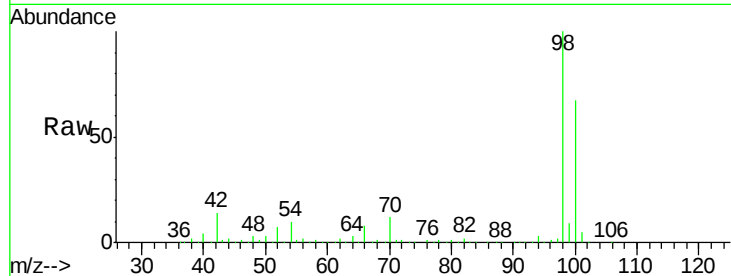




#50
Toluene-d8
Concen: 50.800 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012260.D
Acq: 10 Sep 2019 17:23

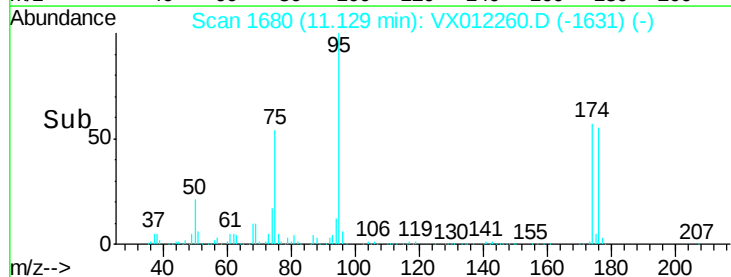
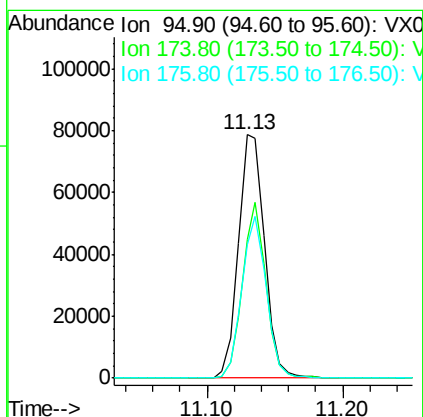
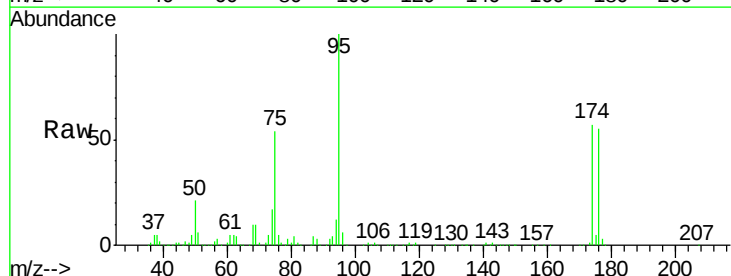
Instrument :
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ClientSampleId :
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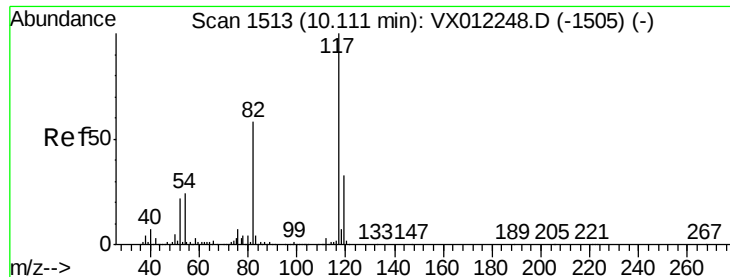
Tot Ion: 98 Resp: 314069
Ion Ratio Lower Upper
98 100
100 66.2 54.1 81.1



#62
4-Bromofluorobenzene
Concen: 36.744 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX012260.D
Acq: 10 Sep 2019 17:23

Tgt Ion: 95 Resp: 105316
Ion Ratio Lower Upper
95 100
174 64.9 0.0 127.0
176 62.5 0.0 125.8

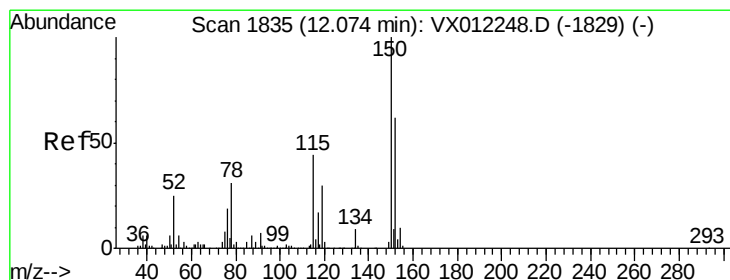
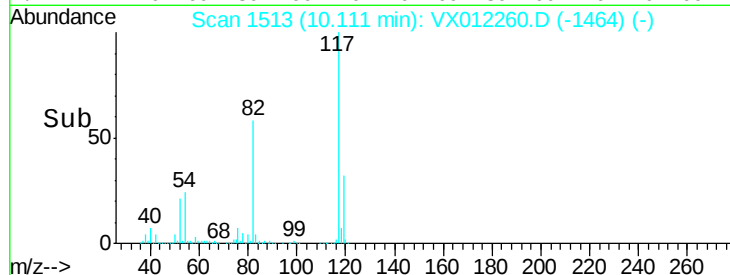
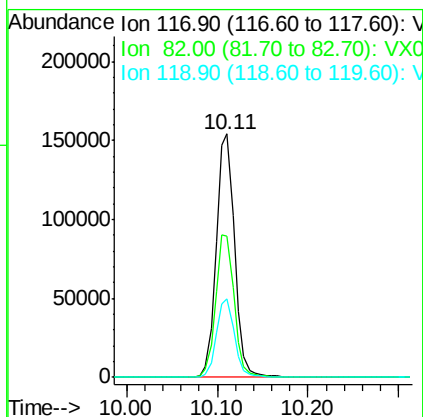
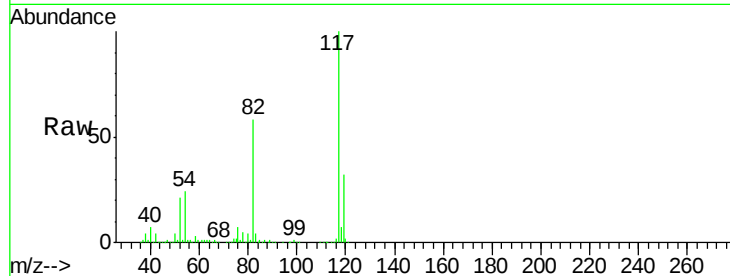




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012260.D
Acq: 10 Sep 2019 17:23

Instrument :
MSVOA_X
ClientSampleId :
T-11-A1-(0)

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.9	46.4	69.6
119	32.3	26.6	39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012260.D
Acq: 10 Sep 2019 17:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.0	45.5	136.4
150	154.7	0.0	346.4

